

## EAST Search History

| Ref # | Hits    | Search Query   | DBs                     | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|-------------------------|------------------|---------|------------------|
| S1    | 1       | 10/624634.app.   | US-PGPU B; USPAT        | OR               | ON      | 2006/08/22 12:23 |
| S2    | 658     | (369/59.25).CCLS.  | US-PGPU B; USPAT; USOCR | OR               | OFF     | 2006/03/08 10:45 |
| S3    | 916938  | write\$3 record\$3   | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 10:55 |
| S4    | 17353   | lead-in (lead adj in)  | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 10:55 |
| S5    | 3498353 | stop\$3 halt\$3 end\$3 finish\$3                                       | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 10:55 |
| S6    | 195     | S5 near10 (S4 near6 S3)  | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 10:55 |
| S7    | 16      | S6 and S2  | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 10:56 |
| S8    | 2148686 | state address (power adj control) (record\$3 near2 (info information)) | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 11:03 |
| S9    | 101     | S8 near10 S6   | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 11:04 |
| S10   | 1       | S6 and (369/47.51).ccls.   | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 11:05 |
| S11   | 22      | (S4 near6 S3) and (369/47.51).ccls.                                    | US-PGPU B; USPAT        | OR               | ON      | 2006/03/08 12:28 |
| S12   | 2604    | ((369/275.3) or (369/53.22) or (369/47.53) or (369/53.24)).CCLS.       | US-PGPU B; USPAT; USOCR | OR               | OFF     | 2006/03/30 11:18 |
| S13   | 1084743 | writ\$4 record\$4  | US-PGPU B; USPAT        | OR               | ON      | 2006/03/30 10:21 |
| S14   | 2968586 | state address power parameter parameters                               | US-PGPU B; USPAT        | OR               | ON      | 2006/03/30 10:21 |
| S15   | 3522440 | stop\$3 halt\$3 end\$3 finish\$3                                       | US-PGPU B; USPAT        | OR               | ON      | 2006/03/30 10:22 |
| S16   | 260     | (S13 near3 S14) near6 S15 and S12                                      | US-PGPU B; USPAT        | OR               | ON      | 2006/03/30 11:10 |

## EAST Search History

|     |        |   |                     |    |    |                     |
|-----|--------|---|---------------------|----|----|---------------------|
| S17 | 6589   | (S13 near3 S14) near6 S15                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>10:27 |
| S18 | 17473  | (lead-in) (lead adj in)                       | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:07 |
| S19 | 82     | S17 same S18                                  | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:07 |
| S20 | 71     | S19 and "369".clas.                           | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:07 |
| S21 | 21     | S17 near10 (pma "program<br>management area") | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:16 |
| S22 | 130856 | (power intensity) near4 (data<br>information) | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:17 |
| S23 | 12064  | S13 near6 S22                                 | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:18 |
| S24 | 320    | S23 and (369/47.53).ccls.                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:19 |
| S25 | 322    | S23 near10 S15                                | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:20 |
| S26 | 16     | S25 and (369/47.53).ccls.                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:25 |
| S27 | 237682 | S13 near4 (disc disk<br>medium)               | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:26 |
| S28 | 2980   | S27 near6 S22                                 | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:26 |
| S29 | 224    | S28 and (369/47.53).ccls.                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:29 |
| S30 | 113714 | stor\$4 near2 (disc disk)                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:53 |
| S31 | 1420   | S30 near6 (power intensity)                   | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>11:54 |
| S32 | 42     | S31 and (369/47.53).ccls.                     | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>16:12 |
| S33 | 126    | S31 same S15                                  | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>14:07 |
| S34 | 6      | S33 and "369".clas.                           | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>14:07 |
| S35 | 216    | lee-kyung-geun\$.in.                          | US-PGPU<br>B; USPAT | OR | ON | 2006/03/30<br>15:08 |

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|     |         |  |                                  |    |     |                     |
|-----|---------|--|----------------------------------|----|-----|---------------------|
| S36 | 200     | park-in-sik\$.in.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>15:08 |
| S37 | 83      | yoop-du-seop\$.in.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>15:08 |
| S38 | 333     | S35 or S36 or S37  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>15:08 |
| S39 | 42      | S38 and ((writ\$4 record\$4<br>stor\$4) near4 (disk near2<br>state))             | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>15:19 |
| S40 | 12      | S38 and (disk near2 state).<br>clm.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>15:19 |
| S41 | 3404    | rma "recording management<br>area" (record\$4 near2<br>manag\$5 near2 area)      | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>16:14 |
| S42 | 230     | S41 near4 address  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>16:14 |
| S43 | 89      | S42 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>17:58 |
| S44 | 2       | ((("6580684") or<br>("6442119")).PN.   | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/30<br>16:36 |
| S45 | 74888   | lead-in (lead adj in)<br>((management information)<br>near2 (area zone)) pma rma | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:31 |
| S46 | 111151  | drive near3 (information data<br>type)   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:31 |
| S47 | 513     | S45 near6 S46  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:32 |
| S48 | 163     | S47 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:32 |
| S49 | 2138428 | record\$4 writ\$4 stor\$4  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:32 |
| S50 | 34550   | S49 near6 S46  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:32 |
| S51 | 690     | S50 same S45   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:33 |
| S52 | 281     | S51 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:33 |

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|     |         |   |                                  |    |     |                     |
|-----|---------|---|----------------------------------|----|-----|---------------------|
| S53 | 407     | S50 near10 S45  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:33 |
| S54 | 148     | S53 and "369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:38 |
| S55 | 2       | 09/802794.app.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/30<br>18:32 |
| S56 | 1       | 09/496905.app.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>13:39 |
| S57 | 1       | 10/312827.app.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/03/31<br>14:21 |
| S58 | 1       | ("20030174612").PN.   | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | OFF | 2006/08/21<br>12:15 |
| S59 | 1       | 09/496905.app.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>14:35 |
| S60 | 2       | 10/312827.app.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>14:40 |
| S61 | 2       | ("6442119"   "6580684").PN.<br>OR ("7068579").URPN.                             | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/21<br>14:36 |
| S62 | 2248505 | stor\$4 writ\$4 record\$4   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:07 |
| S63 | 1818080 | address location  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:07 |
| S64 | 2375    | (opc (power near2 (control\$4<br>calibration))) near2 (area<br>region zone)     | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:07 |
| S65 | 62      | S62 near6 S63 near6 S64   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:08 |
| S66 | 54      | S65 and "369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:08 |
| S67 | 114     | (S62 same S63 same S64 and<br>"369".clas.) not S66                              | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:05 |
| S68 | 10729   | pca ((opc power near2<br>(control\$4 calibration)) near2<br>(area zone region)) | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:08 |
| S69 | 3351564 | address location point\$4   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:09 |

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|     |       |  |                                  |    |     |                     |
|-----|-------|--|----------------------------------|----|-----|---------------------|
| S70 | 583   | S68 near4 S69  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:09 |
| S71 | 117   | S62 near6 S70  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:10 |
| S72 | 84    | S71 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:10 |
| S73 | 31    | S72 not (S66 S67)  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>15:51 |
| S74 | 1     | ("5177720").PN.  | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | OFF | 2006/08/21<br>15:51 |
| S75 | 30    | ("4931927"   "4996678").PN.<br>OR ("5177720").URPN.                        | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/21<br>15:56 |
| S76 | 12123 | (disc disk) near2 state  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:12 |
| S77 | 2737  | S62 near4 S76  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:12 |
| S78 | 218   | S76 near4 S69  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:12 |
| S79 | 56    | S77 same S78   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:22 |
| S80 | 24    | S79 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:23 |
| S81 | 248   | (last recent) near2 (pca opc<br>(power near2 (control\$4<br>calibration))) | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:24 |
| S82 | 7     | S69 near4 S81  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:32 |
| S83 | 14    | S69 near10 S81   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:32 |
| S84 | 5     | S83 and "369".clas.  | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/21<br>16:32 |

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|     |       |  |                                  |    |     |                     |
|-----|-------|--|----------------------------------|----|-----|---------------------|
| S85 | 12    | ("4827462"   "4989195"  <br>"5072435"   "5155719"  <br>"5410527"   "5490126"  <br>"5631887"   "5636194"  <br>"5706271"   "5978350"  <br>"6411575"   "6414922").PN.<br>OR ("6552982").URPN. | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/21<br>16:34 |
| S86 | 4     | ((("20010036136") or<br>("20020031060") or<br>("20030035353") or<br>("20030086345")).PN.   | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | OFF | 2006/08/22<br>10:38 |
| S87 | 3     | pointer near6 (pca opc) and<br>"369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/22<br>12:24 |
| S88 | 13    | ((read\$4 reproduc\$4) adj2<br>address) near4 (opc pca) and<br>"369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/22<br>12:26 |
| S89 | 125   | address near4 (opc pca) and<br>"369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/22<br>12:27 |
| S90 | 79    | address near2 (opc pca) and<br>"369".clas.   | US-PGPU<br>B; USPAT              | OR | ON  | 2006/08/22<br>12:27 |
| S91 | 3     | ("20020110065"   "5592463"<br>  "6711107").PN. OR<br>("6937548").URPN.   | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/22<br>12:38 |
| S92 | 2     | ("6442119"   "6580684").PN.<br>OR ("7068579").URPN.  | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/22<br>12:36 |
| S93 | 26457 | test near2 (writ\$4 record\$4)   | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/22<br>12:39 |
| S94 | 35    | address near2 S93 and "369".<br>clas.  | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/22<br>12:39 |
| S95 | 12    | ("5226027"   "5341360"  <br>"5463600"   "5513165"  <br>"5617399").PN. OR<br>("6028834").URPN.  | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR | ON  | 2006/08/22<br>12:59 |

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|      |       |  |                         |    |     |                  |
|------|-------|--|-------------------------|----|-----|------------------|
| S96  | 46    | ("4189746"   "4578786"   "4631713"   "4912697"   "4916683").PN. OR ("5226027").URPN. | US-PGPU B; USPAT; USOCR | OR | ON  | 2006/08/22 14:27 |
| S97  | 10    | ("5226027"   "5341360"   "5463600"   "5513165"   "5617399").PN. OR ("5818807").URPN. | US-PGPU B; USPAT; USOCR | OR | ON  | 2006/08/22 15:00 |
| S98  | 25373 | (pointer address) near2 ((management control) near2 (data information))              | US-PGPU B; USPAT; USOCR | OR | ON  | 2006/08/22 15:49 |
| S99  | 900   | S98 and "369".clas.  | US-PGPU B; USPAT; USOCR | OR | ON  | 2006/08/22 15:49 |
| S100 | 2790  | ((369/275.3) or (369/53.22) or (369/47.53) or (369/53.24)).CCLS.                     | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/08/22 15:49 |
| S101 | 215   | S100 and S98   | US-PGPU B; USPAT        | OR | ON  | 2006/08/22 15:50 |